

# Study of New Materials Used in a Heritage Structure

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**Abstract:** *Heritage buildings and designs contribute to the richness of a country's history and culture, with "heritage" referring to archaic structures and artifacts associated with historic, cultural, and architectural designs. These structures and monuments serve as powerful reminders of the region's past while also compromising the regional culture's foundation. India has a long and illustrious history, as evidenced by diverse structures, forts, temples, landscapes, and ancient artifacts. Many of them were built during the Golden Age of Indian Civilization, many hundred years ago. India is characterized as a place with a great legacy, rich in traditional practices, culture, and historical landmarks, all of which have been blended to make a "unified nation." To preserve this cultural property restoration of heritage structure is necessary. New innovations, upgraded systems, improved technologies, advances in the construction industry are constantly evolving. It is very important that properties of the old materials and new materials should match each other. In this study, some special materials are used for restoration of heritage buildings are discussed. Use of materials like FRP, CFRP, Wood preservatives are attempted in this particular study.*

**Keywords:** Heritage buildings, Historical Monumental Structures, Restoration.

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